



Stage scenery, hand-painted at
Knoxville Scenic Studios and installed
by workmen noted for their skill.

23g
Kn



Dade County Civic Auditorium
Miami, Florida,
Stewart & Skinner, Architects.

ARTISTRY
ENGINEERING
PRODUCTION
INSTALLATION
FACILITIES

Artistry
THAT SETS THE STAGE



KNOXVILLE *Scenic* STUDIOS

INCORPORATED
MARYVILLE PIKE, KNOXVILLE, TENN.



Everything **FOR THE STAGE BUT THE PLAYERS!**

Whether you are planning to equip a civic auditorium, a high school stage, or a theater, ours is the experience, the training, the professional know-how that bring your plans and ideas to vivid life. With the most modern stage equipment studios in the nation, we offer a complete service from preparation of original drawings and specifications, with fabrication of components in exact accordance, to final installation.

Hundreds of theater and auditorium installations throughout the United States testify to the ability of Knoxville Scenic Studios to create a stage of beauty and brilliance. Installations are draped and lighted to technical perfection within budget cost, by sensitive craftsmen, with artistry that sets the stage—complete with everything but the players!



A CONSULTANT SERVICE FOR THE ARCHITECT

Our highly skilled engineering department, with many years of experience in all types of stage installations, will gladly assist you in the more technical phases of your planning . . . whether your project is a modest school, an elaborate college, municipal auditorium, or an ocean liner.

Three factors are paramount in approaching the problem: the space available, the desired function, the budget allocated.

Knowing these, we can determine the most feasible and practical use of the space, and make suggestive layouts that will best fit the dramatics needs of your client. Our recommendations can cover any or all phases of stage equipment, as requested . . . rigging, lighting, fabrics, asbestos curtains, scenery, stage properties, etc.

All suggestions are keyed for the greatest flexibility possible, to answer not only existing requirements but future needs as they might develop.

On those projects demanding highly technical settings, it is our usual procedure to have one of our consultants visit you for a discussion of problems involved, after preliminary layouts have been submitted for consideration.

This consultant engineering service can be of invaluable assistance to you in your planning, and can assure your client of the utmost satisfaction from the finest stage equipment, engineered for trouble-free service, fabricated for long life.

Contour Curtains

Cycloramas

Asbestos Curtains

Counterweight Rigging

Traverse Track Systems

**Auditorium and
Window Drapes**

Painted Scenery Sets

Fireproof Fabrics

**Stage Curtains
and Draperies**

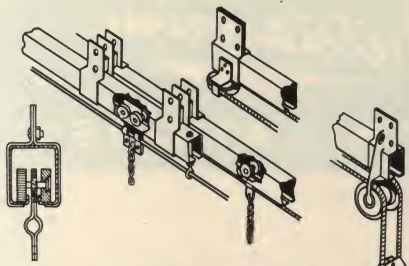
**Revolving Stages and
Orchestra Lifts**

**Sound-Retardant,
Rigid-Frame Curtains**

Wide-Screen Frames

TRAVERSE TRACKS

NO. 400 HEAVY DUTY STEEL TRACK



Track channel is 14-gauge steel, fully enclosed, except for bottom slot. Metal carrier contains a ball-bearing supported shaft with rubber composition wheels. Curtain suspended from two wheels rolling on parallel tracks. Rubber spacers between carriers.

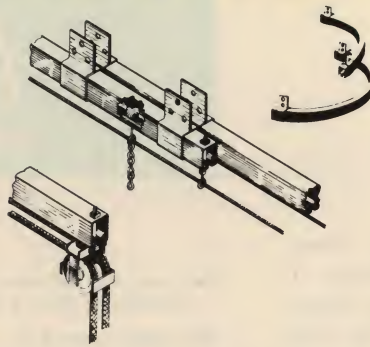
NO. 300 MEDIUM DUTY STEEL TRACK



Basically the same as No. 400, but smaller in size; recommended for curtains up to 36 ft. in width.

CYCLORAMA TRACKS

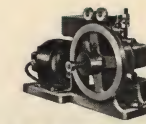
NO. 250 STEEL AND WOOD TRACK



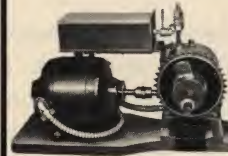
Available in both straight and curved effects. The formed steel channel supports two impregnated hardwood runners; carriers are specially treated, long-life wood balls. Straight track operated by ropes and pulleys from one point of control. Curved unit is "walk-around" track adapted to curved cyclorama settings.

Additional tracks, adaptable to specific uses, are also available. Write for information and recommendations on functional applications.

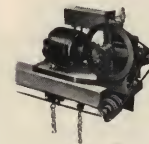
MOTOR CONTROLS



Standard Model



Sprocket Model

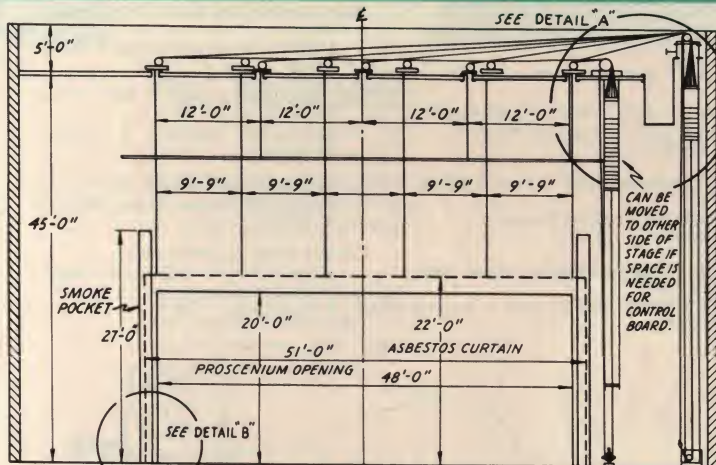


Flying Model

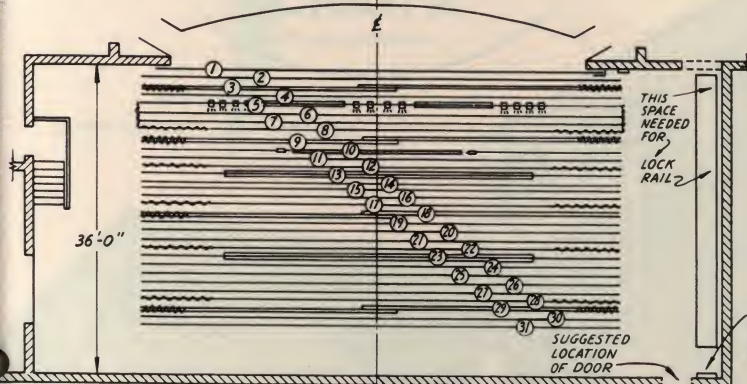
Motor controls only can pull stage curtains at precisely the right time, at exactly the right speed. Shown here are the three basic types of motor controls, long proved essential to satisfactory stage curtain operation.

Designed and developed to accomplish all necessary curtain operations by push-button control; easily installed, reliable in operation. Many variations of the basic models are available for specific functions; write for complete information.

TYPICAL STAGE LAYOUTS



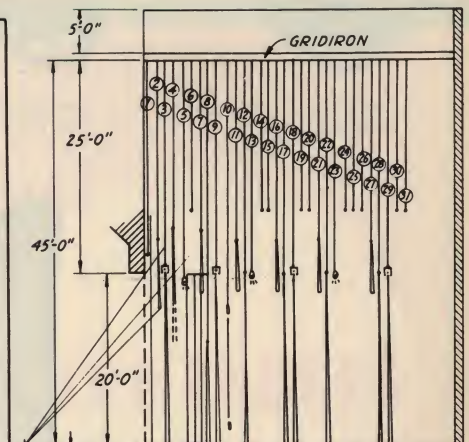
ELEVATION FROM BACK STAGE
Scale $\frac{1}{8}" = 1'-0"$



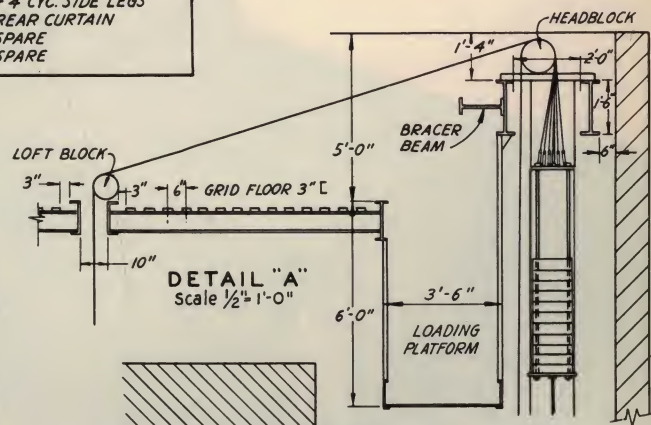
FLOOR PLAN
Scale $\frac{1}{8}" = 1'-0"$

RIGGING SCHEDULE

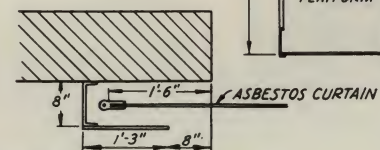
1. ASBESTOS CURTAIN
2. VALANCE
3. FRONT CURTAIN
4. TEASER
5. #1 LIGHT BATTEN
6. SPARE
7. GRAND BORDER
8. TORMENTOR LEGS
9. CONCERT CURTAIN
10. PICTURE SCREEN
11. #1 CYCLORAMA BORDER
12. #1 CYCLORAMA SIDE LEGS
13. #2 LIGHT BATTEN
14. SPARE
15. SPARE
16. #2 CYC. BORDER
17. #2 CYC. SIDE LEGS
18. INTERMEDIATE CURTAIN
19. SPARE
20. SPARE
21. #3 CYC. BORDER
22. #3 CYC. SIDE LEGS
23. #3 LIGHT BATTEN
24. SPARE
25. SPARE
26. SPARE
27. #4 CYC. BORDER
28. #4 CYC. SIDE LEGS
29. REAR CURTAIN
30. SPARE
31. SPARE



SECTIONAL ELEVATION
Scale $\frac{1}{8}" = 1'-0"$



DETAIL "A"
Scale $\frac{1}{2}" = 1'-0"$



DETAIL "B" SMOKE POCKET
Scale $1" = 1'-0"$

PROPOSED STAGE EQUIPMENT

KNOXVILLE SCENIC STUDIOS INC.
KNOXVILLE TENN.

EPD

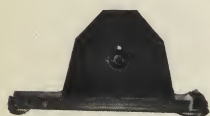
2-6-53

COUNTERWEIGHTED

RIGGING SYSTEMS



Upright
Head
Block



Upright
Loft
Block



Underhung
Head Block



Underhung
Loft Block

The modern stage demands utmost flexibility of equipment. Designed to answer the most exacting needs, manufactured in our own plant under rigid standards, all rigging sets are engineered for flawless operation and long life usage.

When no gridiron is present over the stage area, underhang type sheaves may be attached to overhead beams as suspension points for the counterweight system.

Multiple hoist units or winch sets are recommended if overhead height is insufficient for a counterweight system.

Dade County Civic Auditorium, Miami, Fla.
ARCHITECTS: Stewart & Skinner, Miami

Weiss Theatre, Savannah, Ga.
ARCHITECTS: Tucker & Howell, Atlanta

Dayton Civic Auditorium, Dayton, Ohio
ARCHITECTS: Rial T. Parrish, Dayton

Windsor High School, Windsor, Conn.
ARCHITECTS: Ebbetts, Frid & Prentice, Hartford

Prudential Insurance Company, Jacksonville, Fla.
ARCHITECTS: Kemp Bunch & Jackson, Jacksonville

Fine Arts Building, St. Mary's College, Notre Dame, Ind.
ARCHITECTS: Naess & Murphy, Chicago

Maryville College, Maryville, Tenn.
ARCHITECTS: Schweikher & Elting, Chicago

Zumbrota High School, Zumbrota, Minn.
ARCHITECTS: Thorshov & Cerny, Minneapolis

Princess Anne High School, Thailia, Va.
ARCHITECTS: Oliver & Smith, Norfolk

Alexander Graham Bell High School, Tulsa, Okla.
ARCHITECTS: Black & West, Tulsa

Philadelphia State Hospital, Philadelphia, Pa.
ARCHITECTS: Nolen & Swinburne, Philadelphia

Memorial Auditorium, Univ. of Tenn., Knoxville, Tenn.
ARCHITECTS: Barber & McMurry, Knoxville

Peabody College Demonstration School, Nashville, Tenn.
ARCHITECTS: Hart Freeland & Roberts, Nashville

Paducah High School, Paducah, Ky.
ARCHITECTS: D. Clarence Wilson, Mt. Vernon, Illinois

McCallie School for Boys, Chattanooga, Tenn.
ARCHITECTS: Selmon T. Franklin, Chattanooga

Oak Ridge High School, Oak Ridge, Tenn.
ARCHITECTS: Skidmore Owings & Merrill, Oak Ridge-Chicago

Fine Arts Building, University of Kentucky, Lexington, Ky.
ARCHITECTS: Brock & Johnson, Lexington

Ellis Auditorium, Memphis, Tennessee
ARCHITECTS: Windrom, Haglund & Venable, Memphis

Senior High School, Hobbs, New Mexico
ARCHITECTS: Vorhees & Standhardt, Roswell

Union Hall of Music Annex, Purdue University, West Lafayette, Ind.

ARCHITECTS: Walter Schoeler & Associates, Lafayette

1000-Man Theatre, Naha, Okinawa
ARCHITECTS: Baker, Butler, Triplett, & Associates, Honolulu, Hawaii—Tokyo, Japan

Bloom Township High School, Chicago Heights, Ill.
ARCHITECTS: Schmidt, Garden & Erikson, Chicago

Fine Arts Building, Illinois State Normal University, Normal, Ill.
ARCHITECTS: Lundeen & Hilfinger, Bloomington

Byron Jr. High School, Shaker Heights, Ohio
ARCHITECTS: Perkins & Will, Chicago & White Plains

Lawrence College, Appleton, Wis.
ARCHITECTS: F. C. Shattuck, M. F. Siewert & Associates, Neenah

Teatro Nacional, Havana, Cuba



MARYVILLE PIKE
KNOXVILLE, TENNESSEE

Digitized by:



ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL
www.apti.org

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:

Carol J. Dyson, AIA